

This listing of claims will replace all prior versions, and listing, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (Currently Amended) A system for communicating data to a wearable appliance including a wireless data receiver device for receiving wireless data communications, said system comprising:

a first communications sub-system enabling a user to initiate an asynchronous request for data to be communicated to said wearable appliance at a user-specified future time;

a second communications sub-system including a wireless data transmission channel for communicating data to said wearable appliance; and,

a server control device for receiving said data requests via said first communications sub-system and, in response to said request, retrieving said requested data for said user and assembling said retrieved data in a form suitable for communication via said second communications sub-system, whereby a user asynchronously demands said data transfer from said first communications sub-system and receives a data transmission via said second communications sub-system in synchronism with user availability at said user-specified future time without requiring further user participation during said transmission.

Claim 2 (Original) The system as claimed in Claim 1, wherein said request includes a user identification code for uniquely identifying the user's wearable appliance and ensuring proper data transmission thereto.

Claim 3 (Original) The system as claimed in Claim 2, wherein said server device includes mechanism for generating a personalized menu comprising user selections of types of data to be transmitted based on said user identification code.

Claim 4 (Previously Presented) The system as claimed in Claim 3, wherein said first communications sub-system comprises a telephone system including a telephone keypad, said user identification code comprising a sequence of one or more dual-tone multi-frequency DTMF signals entered by said user via said telephone keypad.

Claim 5 (Original) The system as claimed in Claim 4, wherein said server control device includes mechanism responsive to said user identification code for retrieving said personalized menu of types of data to be transmitted and generates a voice transmission for presenting said personalized menu selections to said user via said telephone system.

Claim 6 (Original) The system as claimed in Claim 5, wherein said user selects a type of data to be transmitted via said telephone keypad, said server control device includes mechanism for receiving DTMF signals and interpreting said DTMF signals for association with said user menu selection.

Claim 7 (Original) The system as claimed in Claim 3, wherein said first communications sub-system comprises a personal computing device implementing a Web browser for accessing and communicating with said server control device via Web-based communications, wherein said user identification code comprises entry of a password entry via a keyboard device entered in a Web page.

Claim 8 (Original) The system as claimed in Claim 7, wherein said server control device includes mechanism responsive to said user identification code for retrieving said personalized menu of types of data to be transmitted and generates a Web-based communication for receipt by said user Web browser to present said personalized menu.

Claim 9 (Original) The system as claimed in Claim 8, wherein said user selects a type of data to be transmitted via a mouse device by clicking a menu choice presented on a Web page.

Claim 10 (Original) The system as claimed in Claim 1, wherein said second communications sub-system comprises a paging network.

Claim 11 (Original) The system as claimed in Claim 1, wherein said second communications sub-system comprises a BlueTooth wireless communications network.

Claim 12 (Original) The system as claimed in Claim 1, wherein said second communications sub-system communicates said requested data to said wearable appliance at a requested future time, said wearable appliance including alarm mechanism for placing said wireless data receiver device in a receive mode for receiving said wireless data communications at said requested time.

Claim 13 (Currently Amended) A method for communicating data to a wearable appliance implementing a wireless data receiver device for receiving wireless data communications, said method comprising the steps of:

a) receiving an asynchronous data request via a first communications sub-system, said request indicating a user-specified future time for said requested data;

b) retrieving said requested data for said user in response to said request;

c) assembling said retrieved data in a form suitable for communication via a second communications sub-system over a wireless data transmission channel; and,

d) communicating said requested data to said wearable appliance over said wireless data transmission channel via a second communications sub-system, wherein said user asynchronously requests said data transfer from said first communications sub-system and receives a data transmission via said second communications sub-system in synchronism with user availability at said user-specified future time without requiring further user participation during said transmission.

Claim 14 (Original) The method as claimed in Claim 13, wherein said data request includes a user identification code for uniquely identifying the user's wearable appliance.

Claim 15 (Original) The method as claimed in Claim 14, wherein prior to said retrieving step b), the step of presenting a personalized menu to said user, said menu comprising user selections associated with types of data to be transmitted based on said user identification code.

Claim 16 (Original) The method as claimed in Claim 15, wherein said first communications sub-system comprises a telephone system including a telephone keypad, said user identification code comprising a sequence of one or more dual-tone multi-frequency DTMF signals entered by said user via said telephone keypad.

Claim 17 (Original) The method as claimed in Claim 16, wherein said presenting step further includes the steps of:

retrieving said personalized menu of types of data to be transmitted from a storage device; and,

generating a voice transmission for presenting said personalized menu selections to said user via said telephone system in response to said user identification code.

Claim 18 (Original) The method as claimed in Claim 17, wherein said retrieving step b) further includes the steps of receiving DTMF signals associated with said user menu selection and interpreting said received DTMF signals for retrieving said requested data.

Claim 19 (Original) The method as claimed in Claim 15, wherein said first communications sub-system comprises a personal computing device implementing a Web browser for accessing and communicating with said server control device via Web-based communications, said user identification code comprising a password entry via a keyboard device entered in a Web page.

Claim 20 (Original) The method as claimed in Claim 19, wherein said presenting step further includes the steps of:

retrieving said personalized menu of types of data to be transmitted; and,

generating a Web-based communication for receipt by said user Web browser to present said personalized menu.

Claim 21 (Original) The method as claimed in Claim 20, wherein said retrieving step b) is responsive to a user mouse click on a Web page menu selection of a type of data to be transmitted.

Claim 22 (Original) The method as claimed in Claim 13, wherein a data request includes request for receipt of said data at a requested future time, said method further comprising the step of: placing said wireless data receiver device in a receive mode for receiving said wireless data communications at said requested time.

Claim 23 (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform method steps for communicating data to a wearable appliance implementing a wireless data receiver device for receiving wireless data communications, said method steps including the steps of:

- a) receiving an asynchronous data request via a first communications sub-system, said request indicating a user-specified future time for said requested data;
- b) retrieving said requested data for said user in response to said request;
- c) assembling said retrieved data in a form suitable for communication via a second communications sub-system over a wireless data transmission channel; and,
- d) communicating said requested data to said wearable appliance over said wireless data transmission channel via said second communications sub-system, wherein said user asynchronously requests said data transfer from said first communications sub-system and receives a data transmission via said second communications sub-system in synchronism with user availability at said user-specified future time without requiring further user participation during said transmission.

Claim 24 (Original) The program storage device readable by a machine as claimed in Claim 23, wherein said data request includes a user identification code for uniquely identifying the user's wearable appliance.

Claim 25 (Previously Presented) The program storage device readable by a machine as claimed in Claim 24, wherein prior to said retrieving step b), the step of presenting a personalized menu to said user, said menu comprising user selections associated with types of data to be transmitted based on said user identification code.

Claim 26 (Original) The program storage device readable by a machine as claimed in Claim 24, wherein said first communications sub-system comprises a telephone system including a telephone keypad, said user identification code comprising a sequence of one or more dual-tone multi-frequency DTMF signals entered by said user via said telephone keypad.

Claim 27 (Previously Presented) The program storage device readable by a machine as claimed in Claim 25, wherein said presenting step further includes the steps of:

retrieving said personalized menu of types of data to be transmitted from a storage device; and,

generating a voice transmission for presenting said personalized menu selections to said user via said telephone system in response to said user identification code.

Claim 28 (Original) The program storage device readable by a machine as claimed in Claim 25, wherein said retrieving step b) further includes the steps of receiving DTMF signals

associated with said user menu selection and interpreting said received DTMF signals for retrieving said requested data.

Claim 29 (Previously Presented) The program storage device readable by a machine as claimed in Claim 25, wherein said first communications sub-system comprises a personal computing device implementing a Web browser for accessing and communicating with said server control device via Web-based communications, said user identification code comprising a password entry via a keyboard device entered in a Web page.

Claim 30 (Original) The program storage device readable by a machine as claimed in Claim 29, wherein said presenting step further includes the steps of:

retrieving said personalized menu of types of data to be transmitted; and,
generating a Web-based communication for receipt by said user Web browser to present said personalized menu.

Claim 31 (Original) The program storage device readable by a machine as claimed in Claim 30, wherein said retrieving step b) is responsive to a user mouse click on a Web page menu selection of a type of data to be transmitted.

Claim 32 (Original) The program storage device readable by a machine as claimed in Claim 23, wherein a data request includes request for receipt of said data at a requested future time, said method further comprising the step of: placing said wireless data receiver device in a receive mode for receiving said wireless data communications at said requested time.